

**IN THE SPECIFICATION:**

**On page 2, line 12, please insert the following heading:**

Summary of the Invention

**On page 4, line 35, please insert the following heading:**

Brief Description of the Drawings

**Please amend the paragraph beginning on page 5, line 8, as follows:**

Fig. 2 shows a simplified Matlab-Simulink representation for determining the temperature level to be set; [[and]]

**Please amend the paragraph beginning on page 5, line 11, as follows:**

Fig. 3 shows a simplified Matlab-Simulink representation of the adaptive closed-loop control system; and

**On page 5, line 14, please insert the following paragraph and heading:**

Fig. 4 shows a simplified block diagram of a self-correction function module for the GA\_Parameters

Detailed Description of the Invention